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ABSTRACT

This document presents a report of associate, bachelor's, master's, and doctoral degrees conferred by colleges and universities in Virginia between July 1, 1971 and June 30, 1972. In summary, the number of bachelor's and advanced degrees conferred by all Virginia accredited institutions of higher education totalled 20,576. Of this total, the state-controlled institutions conferred 76.5% (15,740) and the privately controlled institutions conferred 23.5% (4,836). Of the 20,576 bachelor's degrees and advanced degrees conferred by all Virginia accredited institutions, bachelor's degrees accounted for 15,767, first professional degrees 890, master's degrees 3,588 and doctor's degrees 331. (Author/HS)

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EDUCATION FOR VIRGINIA

DEGREES CONFERRED

Virginia Public and Private Institutions of Higher Education,

HE 004 066

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Public and Private Institutions of Higher Education, 1971-72

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November, 1972

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c and Private Institutions of Higher Education, 1971-72

STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION

Four-Year Colleges and Universities:

Christopher Newport College of The College of William and Mary

Clinch Valley College of University of Virginia

George Mason College of University of Virginia

Longwood College

Madison College

Mary Washington College of University of Virginia

Norfolk State College

Old Dominion University

Radford College

University of Virginia

Virginia Commonwealth University

Virginia Military Institute

Virginia Polytechnic Institute and State University

Virginia State College

The College of William and Mary

Community Colleges:

Blue Ridge Community College
Central Virginia Community College
Dabney S. Lancaster Community College
Danville Community College
Eastern Shore Community College
Germanna Community College
John Tyler Community College
Lord Fairfax Community College
New River Community College
Northern Virginia Community College
Patrick Henry Community College
Paul D. Camp Community College
Southside Virginia Community College
Southwest Virginia Community College
Thomas Nelson Community College
Tidewater Community College
Virginia Highlands Community College
Virginia Western Community College
Wytheville Community College

Two-Year Branch College:

Richard Bland College of The College of William and Mary

PRIVATELY CONTROLLED INSTITUTIONS OF HIGHER EDUCATION

Four-Year Colleges and Universities:

Averett College
Bridgewater College
Eastern Mennonite College
Emory and Henry College
Hampden-Sydney College
Hampton Institute
Hollins College
Institute of Textile Technology
Lynchburg College
Mary Baldwin College
Presbyterian School of Christian Education
Protestant Episcopal Theological Seminary in Virginia
Randolph-Macon College
Randolph-Macon Woman's College
Roanoke College
Saint Paul's College
Shenandoah College and Conservatory of Music
Stratford College
Sweet Briar College
Union Theological Seminary in Virginia
University of Richmond
Virginia Intermont College
Virginia Union University
Virginia Wesleyan College
Washington and Lee University

Two-Year Colleges:

Bluefield College
Ferrum Junior College
Marymount College of Virginia
Southern Seminary Junior College
Sullins College

LIST OF TABLES

SECTION I--STATE-CONTROLLED COLLEGES AND UNIVERSITIES

Table	
1	Trends in Bachelor's and Higher Degrees Conferred by All Virginia State-Controlled Instituti Education and by All Institutions of Higher Education in the United States by Level, from 1968-6
2	Total Degrees Conferred by Individual Virginia State-Controlled Institutions of Higher Educati 1971-72
3	Total Bachelor's and Higher Degrees Conferred by All Virginia State-Controlled Institutions of tion by Level, Sex, and Major Field of Study, 1971-72
4	Total Bachelor's and Higher Degrees Conferred by Individual Virginia State-Controlled Instituti Education by Major Field of Study, 1971-72
5	Associate Degrees Conferred by Individual Virginia State-Controlled Institutions of Higher Educ and Sex, 1971-72
6	Total Collegiate Professional Certificates (High School Endorsement) Earned in All Virginia Sta Institutions of Higher Education by Degree Level, Sex, and Teaching Field, 1971-72
7	Total Collegiate Professional Certificates (High School Endorsement) Earned in Individual Vi Controlled Institutions of Higher Education by Teaching Field, 1971-72

LIST OF TABLES

SECTION I--STATE-CONTROLLED COLLEGES AND UNIVERSITIES

	Page
and Higher Degrees Conferred by All Virginia State-Controlled Institutions of Higher Institutions of Higher Education in the United States by Level, from 1968-69 to 1971-72	6
red by Individual Virginia State-Controlled Institutions of Higher Education by Level,	7
Higher Degrees Conferred by All Virginia State-Controlled Institutions of Higher Educa- and Major Field of Study, 1971-72	8
Higher Degrees Conferred by Individual Virginia State-Controlled Institutions of Higher Field of Study, 1971-72	9
onferred by Individual Virginia State-Controlled Institutions of Higher Education by Type	10
fessional Certificates (High School Endorsement) Earned in All Virginia State-Controlled Education by Degree Level, Sex, and Teaching Field, 1971-72	11
ofessional Certificates (High School Endorsement) Earned in Individual Virginia State- ns of Higher Education by Teaching Field, 1971-72	12

LIST OF TABLES (Continued)

STATE-CONTROLLED COLLEGES AND UNIVERSITIES (Continued)

Table Appendix

A — Total Bachelor's Degrees Conferred by Individual Virginia State-Controlled Institutions of Hig Sex and Major Field of Study, 1971-72

B — Total First Professional, Master's, and Doctor's Degrees Conferred by Individual Virginia Institutions of Higher Education by Sex and Major Field of Study, 1971-72

C — Total Collegiate Professional Certificates (High School Endorsement) Earned in Individual Controlled Institutions of Higher Education by Degree Level, Sex, and Teaching Field, 1971-

SECTION II--PRIVATELY CONTROLLED COLLEGES AND UNIVERSITIES

1 — Total Degrees Conferred by Virginia Privately Controlled Institutions of Higher Education by L 1971-72

2 — Total Bachelor's and Higher Degrees Conferred by Individual Virginia Privately Controlle Higher Education by Major Field of Study, 1971-72

LIST OF TABLES (Continued)

STATE-CONTROLLED COLLEGES AND UNIVERSITIES (Continued)

Page

grees Conferred by Individual Virginia State-Controlled Institutions of Higher Education by
d of Study, 1971-72 14

onal, Master's, and Doctor's Degrees Conferred by Individual Virginia State-Controlled
er Education by Sex and Major Field of Study, 1971-72 24

Professional Certificates (High School Endorsement) Earned in Individual Virginia State-
ons of Higher Education by Degree Level, Sex, and Teaching Field, 1971-72 34

ECTION II--PRIVATELY CONTROLLED COLLEGES AND UNIVERSITIES

erred by Virginia Privately Controlled Institutions of Higher Education by Level of Degree,
39

d Higher Degrees Conferred by Individual Virginia Privately Controlled Institutions of
Major Field of Study, 1971-72 40

HIGHLIGHTS OF DEGREES CONFERRED 1971-72

ALL INSTITUTIONS

The number of bachelor's and advanced degrees conferred by all Virginia accredited institutions of higher education totaled 20,576. Of this total, the state-controlled institutions conferred 76.5 per cent (15,740) and the privately controlled institutions conferred 23.5 per cent (4,836).

Of the 20,576 bachelor's and advanced degrees conferred by all Virginia accredited institutions of higher education, bachelor's degrees accounted for 15,767, first professional degrees 890, master's degrees 3,588 and doctor's degrees 331.

STATE-CONTROLLED INSTITUTIONS

The number of bachelor's and advanced degrees conferred by Virginia state-controlled institutions of higher education increased from 14,428 to 15,740, a gain of 9.1 per cent compared with a 12.2 per cent increase from 1969-70 to 1970-71.

First professional and master's degrees showed the largest percentage increases, 12.5 and 12.9 per cent respectively, while bachelor's degrees increased 8.6 per cent from 1970-71 to 1971-72. Doctor's degrees decreased 10.6 per cent from 1970-71.

Men received 54.9 per cent of all bachelor's and advanced degrees. The per cent of men receiving degrees by level ranged from 50.8 per cent at the bachelor's level to 94.3 per cent at the first professional level.

Women earned more than half of all degrees conferred in area studies, education, fine and applied arts, foreign languages, home economics, letters, library science, mathematics, nursing, other health professions, and public affairs and services.

HIGHLIGHTS OF DEGREES CONFERRED 1971-72 (Cont

STATE-CONTROLLED INSTITUTIONS (Continued)

Five fields of study accounted for almost two-thirds (66.1 per cent) of all bachelor's and advanced degrees conferred in 1971-72. In descending order, they were education (26.8 per cent), social sciences (14.2 per cent), business and management (11.2 per cent), engineering (7.0 per cent), and letters (6.9 per cent).

Six institutions (University of Virginia, Virginia Polytechnic Institute and State University, Virginia Commonwealth University, Old Dominion, William and Mary, and Radford) awarded over three-fourths (75.7 per cent) of all degrees conferred by the state-controlled colleges and universities.

Six fields of study (social sciences, English physical education, mathematics, natural s business education) accounted for ove (66.8 per cent) of all Collegiate Professiona (High School Endorsement) earned in state- stitutions in 1971-72.

The Community College System awarded 2, degrees. This was an increase of 40.1 p 1970-71. The associate in applied scien for 1,354 degrees and the associate in arts numbered 937.

PRIVATELY CONTROLLED INSTITUTIONS

Of the 4,836 bachelor's and advanced degrees conferred by Virginia privately controlled institutions of higher education, bachelor's degrees accounted for 86.6 per cent (4,188), first professional degrees 4.2 per cent (206), master's degrees 9.1 per cent (439), and doctor's degrees 0.1 per cent (3).

Four fields of study accounted for almost two per cent) of all bachelor's and advanced ferred in 1971-72. In descending order, the sciences (25.4 per cent), education (17. business and management (12.2 per cent), (10.7 per cent).

OF DEGREES CONFERRED 1971-72 (Continued)

STATE-CONTROLLED INSTITUTIONS (Continued)

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d by the state-controlled colleges

Six fields of study (social sciences, English, health and physical education, mathematics, natural sciences, and business education) accounted for over two-thirds (66.8 per cent) of all Collegiate Professional Certificates (High School Endorsement) earned in state-controlled institutions in 1971-72.

The Community College System awarded 2,291 associate degrees. This was an increase of 40.1 per cent over 1970-71. The associate in applied science accounted for 1,354 degrees and the associate in arts and sciences numbered 937.

PRIVATELY CONTROLLED INSTITUTIONS

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r cent (439), and doctor's degrees

Four fields of study accounted for almost two-thirds (65.6 per cent) of all bachelor's and advanced degrees conferred in 1971-72. In descending order, they were social sciences (25.4 per cent), education (17.3 per cent), business and management (12.2 per cent), and letters (10.7 per cent).

INTRODUCTION

Background

American colleges and universities confer associate, bachelor's, master's, and doctor's degrees to recognize the successful completion of a prescribed course of study. Virginia's accredited institutions of higher education follow this pattern by providing programs in a wide variety of academic and professional fields leading to each of these degrees. The State Council of Higher Education presents its eighth annual report of degrees conferred by these colleges and universities as one index of their responsiveness to the needs of the State and of the nation.

Data on degrees conferred in 1971-72 were obtained from information submitted to the Council by the Virginia institutions of higher education as part of the U. S. Office of Education's "Higher Education General Information Survey, 1972-73" (Form OE-2300-2.1, "Degrees and Other Formal Awards Conferred Between July 1, 1971 and June 30, 1972").

Information about the number and distribution of high school teaching certificates was obtained from the State Council's inventory of "Degrees Qualifying for the Secondary Collegiate Professional Teaching Certificate Conferred Between July 1, 1971 and June 30, 1972" (Form C-2 7/72).

Explanation of Data

Degrees conferred are reported by five levels (associate, bachelor's, first professional, master's, and doctor's), major fields of study, and the sex of the degree recipients. Definitions of degree levels as used in this report are presented on page 2.

Collegiate Professional Certificates (High School Endorsement) are summarized according to the high school subject fields specified in the State Board of Education's 1968 "Certification Regulations for Teachers."

Section I, State-Controlled Colleges and Universities, Tables 1 through 5 summarize all degrees conferred by Virginia state-controlled institutions of higher education by institution, level, sex, and major field of study. Tables 6 and 7 summarize the Collegiate Professional Certificates (High School Endorsement) earned in Virginia state-controlled institutions. Appendixes A and B present a detailed breakdown of the degrees conferred in 1971-72 for each major field of study by level, institution, and sex. Appendix C reports the number of Collegiate Professional Certificates (High School Endorsement) earned in individual state-controlled institutions by degree level, sex, and teaching field in 1971-72.

Section II, Privately Controlled Colleges and Universities, Tables 1 and 2 summarize all degrees conferred by Virginia privately controlled institutions of higher education by institution, level, and major field of study.

DEFINITIONS

Associate Degree*
A degree awarded upon completion of at least two but less than four years of work beyond high school. In Virginia the degrees of Associate in Arts and Associate in Science are based on work that is wholly or chiefly creditable towards a bachelor's degree. The degree of Associate in Applied Science is based on work in one of the occupational-technical fields and is designed to prepare for immediate employment.

Bachelor's Degree
A degree granted upon completion of an educational program requiring at least four but not more than five years of academic work in the liberal arts, sciences, and professional fields.

Collegiate Professional Certificate**
A five-year renewable certificate which is granted an applicant who has earned a bachelor's degree from an accredited college or university and has completed the general requirements (including general education), professional education, and specific endorsement requirements (elementary, high school, or special education) as established by the State Board of Education.

Doctor's Degree
The highest academic degree in a given discipline or profession, based generally on (a) three or more years of graduate work, (b) satisfaction of a foreign language requirement, and (c) completion of a special study issuing in a dissertation approved by a committee of the

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*Degree definitions adapted from (1) U. S. Office of Education Higher Education General Information Survey, 1972-73 (Instructions for Form OE-2300-2.1, "Degrees and Other Formal Awards Conferred Between July 1, 1971 and June 30, 1972") and (2) Joint Committee on Data and Definitions in Higher Education Sponsored by the American Association of Collegiate Registrars and Admissions Officers, 1962.

**Definition of State Board of Education, "Certification Regulations for Teachers and Qualifications for Administrative, Supervisory, and Related Instructional Positions," July, 1968, Page 1.

DEFINITIONS (Continued)

Doctor's Degree (Continued)
faculty. (Doctor's degrees included in this report are the Doctor of Education (Ed.D.), Doctor of Philosophy (Ph.D.), and Doctor of Science (D.Sc.) degrees.)

First Professional Degree
A degree which signifies the completion of the academic requirements for a selected profession, which is based on an educational program which requires at least two academic years of previous college work for entrance and which requires a total of at least six academic years of college work for completion. (First professional degrees included in this report are the Bachelor of Laws (LL.B.), Doctor of Dental Surgery (D.D.S.), Doctor of Medicine (M.D.), and Juris Doctor (J.D.).)

First Professional Degree (Continued)

Master's Degree
A degree customarily granted upon successful completion of one (sometimes two) academic years of work in the liberal arts and sciences beyond the bachelor's degree. The master's degree in professional fields is an advanced degree beyond the first professional but below the Ph.D. degree, such as Master of Laws (LL.M.). (Master's degrees in hospital administration and social work are included in the master's degree category in this report.)

SECTION I

STATE-CONTROLLED COLLEGES AND UNIVERSITIES

Table 1--TRENDS IN BACHELOR'S AND HIGHER DEGREES CONFERRED BY ALL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION AND BY ALL INSTITUTIONS OF HIGHER EDUCATION IN THE UNITED STATES BY LEVEL, FROM 1968-69 TO 1971-72

DEGREES BY LEVEL	1968-69	1969-70		1970-71		1971-72	
	Number	Number	Per Cent Increase Over 1968-69	Number	Per Cent Increase Over 1969-70	Number	Per Cent Increase Over 1970-71
BACHELOR'S DEGREES							
Virginia State-Controlled Institutions	8,963	9,841	9.8	10,663	8.4	11,579	8.6
Institutions in United States	734,002	798,070	8.7	846,110	6.0	*	*
FIRST PROFESSIONAL DEGREES							
Virginia State-Controlled Institutions	534	468	-12.4	608	29.9	684	12.5
Institutions in United States	35,681	35,252	-1.2	38,276	8.6	*	*
MASTER'S DEGREES							
Virginia State-Controlled Institutions	1,977	2,254	14.0	2,790	23.8	3,149	12.9
Institutions in United States	194,414	209,387	7.7	231,486	10.6	*	*
DOCTOR'S DEGREES							
Virginia State-Controlled Institutions	255	299	17.3	367	22.7	328	-10.6
Institutions in United States	26,189	29,872	14.1	32,113	7.5	*	*
TOTAL DEGREES							
Virginia State-Controlled Institutions	11,729	12,862	9.7	14,428	12.2	15,740	9.1
Institutions in United States	990,286	1,072,581	8.3	1,147,985	7.0	*	*

*Data not yet available from U. S. Office of Education.

Sources of Data: U. S. Office of Education, National Center for Educational Statistics, Advance Information Letter dated September 15, 1972.

Table 2--TOTAL DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY LEVEL, 1971-72

INSTITUTION	ASSOCIATE		BACHELOR'S		FIRST PROFESSIONAL		MASTER'S		DOCTOR'S		TOTAL DEGREES	
	Number	Per Cent of Total	Number	Per Cent of Total	Number	Per Cent of Total	Number	Per Cent of Total	Number	Per Cent of Total	Number	Per Ce of Tot
FOUR-YEAR												
C. Newport College of Wm. & Mary	17	0.6	151	1.3	--	--	--	--	--	--	168	0.
Cl. Valley College of U.Va.	--	--	107	0.9	--	--	--	--	--	--	107	0.
Geo. Mason College of U.Va.	--	--	444	3.8	--	--	67	2.1	--	--	511	2.
Longwood College	--	--	392	3.4	--	--	22	0.7	--	--	414	2.
Madison College	--	--	833	7.2	--	--	98	3.1	--	--	931	5.
Mary Washington College of U.Va.	--	--	367	3.2	--	--	--	--	--	--	367	2.
Norfolk State College	36	1.3	494	4.3	--	--	--	--	--	--	530	2.
Old Dominion University	71	2.7	1,143	9.9	--	--	326	10.4	--	--	1,540	8.
Radford College	--	--	841	7.3	--	--	196	5.9	--	--	1,027	5.
University of Virginia	--	--	1,517	13.1	415	60.7	1,182	37.5	181	55.2	3,295	17.
Virginia Commonwealth University	136	5.1	1,607	13.9	210	30.7	383	12.2	16	4.9	2,352	12.
Virginia Military Institute	--	--	234	2.0	--	--	--	--	--	--	234	1.
VPI and State University	--	--	2,182	18.8	--	--	385	12.2	114	34.7	2,681	14.
Virginia State College	--	--	424	3.6	--	--	197	6.3	--	--	621	3.
William and Mary	--	--	843	7.3	59	8.6	303	9.6	17	5.2	1,222	6.
TOTAL FOUR-YEAR	260	9.7	11,579	100.0	684	100.0	3,149	100.0	328	100.0	16,000	86.
TWO-YEAR												
Virginia Community College System:												
Blue Ridge	93	3.5	--	--	--	--	--	--	--	--	93	0.
Central Virginia	132	4.9	--	--	--	--	--	--	--	--	132	0.
Dabney S. Lancaster	82	3.1	--	--	--	--	--	--	--	--	82	0.
Danville	141	5.2	--	--	--	--	--	--	--	--	141	0.
Eastern Shore	7	0.3	--	--	--	--	--	--	--	--	7	0.
Germanna	51	1.9	--	--	--	--	--	--	--	--	51	0.
John Tyler	138	5.1	--	--	--	--	--	--	--	--	138	0.
Lord Fairfax	84	3.1	--	--	--	--	--	--	--	--	84	0.
New River	35	1.3	--	--	--	--	--	--	--	--	35	0.
Northern Virginia	576	21.4	--	--	--	--	--	--	--	--	576	3.
Patrick Henry	29	1.1	--	--	--	--	--	--	--	--	29	0.
Paul D. Camp	1	0.0	--	--	--	--	--	--	--	--	1	0.
Southside Virginia	28	1.0	--	--	--	--	--	--	--	--	28	0.
Southwest Virginia	120	4.5	--	--	--	--	--	--	--	--	120	0.
Thomas Nelson	187	7.0	--	--	--	--	--	--	--	--	187	1.
Tidewater	132	4.9	--	--	--	--	--	--	--	--	132	0.
Virginia Highlands	53	2.0	--	--	--	--	--	--	--	--	53	0.
Virginia Western	238	8.8	--	--	--	--	--	--	--	--	238	1.
Wytheville	164	6.1	--	--	--	--	--	--	--	--	164	0.
TOTAL COMMUNITY COLLEGES	2,291	85.2	--	--	--	--	--	--	--	--	2,291	12.
Affiliated with The College of William and Mary:												
Richard Bland	137	5.1	--	--	--	--	--	--	--	--	137	0.
TOTAL ALL TWO-YEAR COLLEGES	2,428	90.3	--	--	--	--	--	--	--	--	2,428	13.
ALL INSTITUTIONS	2,688	100.0	11,579	100.0	684	100.0	3,149	100.0	328	100.0	18,428	100.

Table 3--TOTAL BACHELOR'S AND HIGHER DEGREES CONFERRED BY ALL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY LEVEL, SEX, AND MAJOR FIELD OF STUDY, 1971-72

MAJOR FIELD OF STUDY	BACHELOR'S			FIRST PROFESSIONAL			MASTER'S			DOCTOR'S			TOTAL DEGREES		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Agriculture and Natural Resources	156	11	167	--	--	--	33	--	33	15	--	15	204	11	215
Architecture and Environmental Design	111	2	113	--	--	--	40	4	44	--	--	--	151	6	157
Area Studies	5	30	35	--	--	--	--	--	--	--	--	--	5	30	35
Biological Sciences	322	224	546	--	--	--	49	36	85	39	10	49	410	270	680
Business and Management	1,174	226	1,400	--	--	--	350	13	363	4	--	4	1,528	239	1,767
Communications	27	22	49	--	--	--	--	--	--	--	--	--	27	22	49
Computer and Information Sciences	14	--	14	--	--	--	11	1	12	--	--	--	25	1	26
Education	506	2,062	2,568	--	--	--	708	890	1,598	41	10	51	1,255	2,962	4,217
Engineering	838	6	844	--	--	--	182	3	185	66	--	66	1,086	9	1,095
Fine and Applied Arts	133	330	463	--	--	--	21	22	43	--	--	--	154	352	506
Foreign Languages	44	198	242	--	--	--	7	15	22	2	2	4	53	215	268
Health Professions:															
Dentistry	--	--	--	76	1	77	--	--	--	--	--	--	76	1	77
Medicine	--	--	--	202	17	219	--	--	--	--	--	--	202	17	219
Nursing	3	242	245	--	--	--	--	7	7	--	--	--	3	249	252
Pharmacy	48	18	66	--	--	--	1	--	1	--	--	--	49	18	67
Other Health Professions	26	132	158	--	--	--	51	58	109	--	--	--	77	190	267
Home Economics	1	201	202	--	--	--	3	20	23	--	--	--	4	221	225
Law	--	--	--	367	21	388	16	--	16	4	--	4	387	21	408
Letters	396	506	902	--	--	--	64	98	162	17	2	19	477	606	1,083
Library Science	--	40	40	--	--	--	--	--	--	--	--	--	--	40	40
Mathematics	153	235	388	--	--	--	31	21	52	19	--	19	203	256	459
Physical Sciences	188	53	241	--	--	--	70	16	86	63	4	67	321	73	394
Psychology	291	262	553	--	--	--	31	27	58	4	--	4	326	289	615
Public Affairs and Services	87	136	223	--	--	--	35	41	76	--	--	--	122	177	299
Social Sciences	1,292	754	2,046	--	--	--	118	52	170	25	1	26	1,435	807	2,242
Interdisciplinary Studies	66	8	74	--	--	--	2	2	4	--	--	--	68	10	78
ALL MAJOR FIELDS	5,881	5,698	11,579	645	39	684	1,823	1,326	3,149	299	29	328	8,648	7,092	15,740
Per Cent of Total Degrees	37.4	36.2	73.6	4.1	0.2	4.3	11.6	8.4	20.0	1.9	0.2	2.1	54.9	45.1	100.0

Table 4--TOTAL BACHELOR'S AND HIGHER DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY MAJOR FIELD OF STUDY, 1971-72

MAJOR FIELD OF STUDY	INSTITUTION															
	C. Newport	Cl. Valley	Geo. Mason	Longwood	Madison	MWC	Norf. State	ODU	Radford	U.Va.	VCU	VMI	VPI & SU	Va. State	Wm. & Mary	All Institutions
Agriculture and Natural Resources	--	--	--	--	--	--	--	--	--	--	--	--	206	9	--	215
Architecture and Environmental Design	--	--	--	--	--	--	--	--	--	72	--	--	85	--	--	157
Area Studies	--	--	--	--	1	29	--	--	--	4	--	--	1	--	--	35
Biological Sciences	8	5	36	26	38	25	15	46	21	99	71	23	154	31	82	680
Business and Management	53	35	73	--	70	--	76	220	37	228	290	--	410	77	193	1,767
Communications	--	--	--	--	--	--	--	--	6	--	43	--	--	--	--	49
Computer and Information Sciences	--	--	--	--	--	--	--	--	--	12	--	--	14	--	--	26
Education	--	31	169	209	482	--	245	523	481	774	456	--	289	342	216	4,217
Engineering	--	--	--	--	--	--	7	72	--	277	--	74	665	--	--	1,095
Fine and Applied Arts	--	--	--	23	15	50	--	19	59	31	225	--	21	4	59	506
Foreign Languages	--	6	14	17	20	17	8	35	21	45	5	7	19	5	49	268
Health Professions:																
Dentistry	--	--	--	--	--	--	--	--	--	--	77	--	--	--	--	77
Medicine	--	--	--	--	--	--	--	--	--	86	133	--	--	--	--	219
Nursing	--	--	--	--	--	--	--	21	--	131	100	--	--	--	--	252
Pharmacy	--	--	--	--	--	--	--	--	--	--	67	--	--	--	--	67
Other Health Professions	--	--	--	3	7	9	1	38	--	41	168	--	--	--	--	267
Home Economics	--	--	--	14	23	--	--	--	49	--	--	--	129	10	--	225
Law	--	--	--	--	--	--	--	--	--	349	--	--	--	--	59	408
Letters	14	4	50	51	52	44	16	110	74	337	71	31	110	15	104	1,083
Library Science	--	--	--	--	26	--	--	--	9	--	--	--	--	5	--	40
Mathematics	--	12	18	19	31	26	20	30	82	45	19	11	74	28	44	459
Physical Sciences	--	4	8	5	18	8	6	42	5	63	26	14	93	19	83	394
Psychology	22	--	35	7	23	48	8	79	51	108	92	--	68	10	64	615
Public Affairs and Services	--	--	6	--	29	5	21	--	--	5	221	--	12	--	--	299
Social Sciences	54	10	97	40	96	106	71	234	131	539	152	74	304	66	268	2,242
Interdisciplinary Studies	--	--	--	--	--	--	--	--	1	49	--	--	27	--	1	78
ALL MAJOR FIELDS	151	107	511	414	931	367	494	1,469	1,027	3,295	2,216	234	2,681	621	1,222	15,740
Per Cent of Total Degrees	1.0	0.7	3.2	2.6	6.0	2.3	3.1	9.3	6.5	21.0	14.1	1.5	17.0	3.9	7.8	100.0

Table 5--ASSOCIATE DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY TYPE AND SEX, 1971-72

INSTITUTION	ASSOCIATE IN APPLIED SCIENCE			ASSOCIATE IN ARTS AND SCIENCES			TOTAL ASSOCIATE DEGREES			
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Per Cent of Total
FOUR-YEAR										
C. Newport College of Wm. & Mary	--	--	--	10	7	17	10	7	17	0.6
Norfolk State College	--	--	--	12	24	36	12	24	36	1.3
Old Dominion University	--	--	--	40	31	71	40	31	71	2.7
Virginia Commonwealth University	1	4	5	97	34	131	98	38	136	5.1
TOTAL FOUR-YEAR	1	4	5	159	96	255	160	100	260	9.7
TWO-YEAR										
Virginia Community College System:										
Blue Ridge	39	13	52	33	8	41	72	21	93	3.4
Central Virginia	30	41	71	40	21	61	70	62	132	4.9
Dabney S. Lancaster	44	12	56	16	10	26	60	22	82	3.1
Danville	57	15	72	43	26	69	100	41	141	5.2
Eastern Shore	--	--	--	5	2	7	5	2	7	0.3
Germanna	13	26	39	5	7	12	18	33	51	1.9
John Tyler	80	30	110	21	7	28	101	37	138	5.1
Lord Fairfax	31	18	49	28	7	35	59	25	84	3.1
New River	7	6	13	16	6	22	23	12	35	1.3
Northern Virginia	231	143	374	136	66	202	367	209	576	21.4
Patrick Henry	1	12	13	6	10	16	7	22	29	1.1
Paul D. Camp	--	--	--	--	1	1	--	1	1	0.0
Southside Virginia	11	9	20	3	5	8	14	14	28	1.0
Southwest Virginia	30	12	42	37	41	78	67	53	120	4.5
Thomas Nelson	82	52	134	30	23	53	112	75	187	7.0
Tidewater	32	31	63	43	26	69	75	57	132	4.9
Virginia Highlands	8	12	20	13	20	33	21	32	53	2.0
Virginia Western	100	42	142	64	32	96	164	74	238	8.9
Wytheville	42	42	84	54	26	80	96	68	164	6.1
TOTAL COMMUNITY COLLEGES	838	516	1,354	593	344	937	1,431	860	2,291	85.2
Affiliated with The College of William and Mary:										
Richard Bland	--	--	--	79	58	137	79	58	137	5.1
TOTAL TWO-YEAR	838	516	1,354	672	402	1,074	1,510	918	2,428	90.3
ALL INSTITUTIONS	839	520	1,359	831	498	1,329	1,670	1,018	2,688	100.0

Table 6--TOTAL COLLEGIATE PROFESSIONAL CERTIFICATES (HIGH SCHOOL ENDORSEMENT) EARNED IN ALL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY DEGREE LEVEL, SEX, AND TEACHING FIELD, 1971-72

TEACHING FIELD	BACHELOR'S			MASTER'S			DOCTOR'S			TOTAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Tot
Agriculture	36	1	37	--	--	--	--	--	--	36	1	3
Art	23	124	147	3	4	7	--	--	--	26	128	15
Business Education	20	137	157	5	16	21	--	--	--	25	153	17
Distributive Education	59	15	74	--	--	--	--	--	--	59	15	7
Dramatics	2	2	4	--	--	--	--	--	--	2	2	
English	31	280	311	13	27	40	1	1	2	45	308	35
Foreign Languages	9	103	112	1	2	3	--	--	--	10	105	11
Health and Physical Education	114	143	257	41	8	49	--	--	--	155	151	30
Home Economics	--	111	111	--	8	8	--	--	--	--	119	11
Industrial Arts/Vocational	101	4	105	--	--	--	--	--	--	101	4	10
Journalism	--	4	4	--	--	--	--	--	--	--	4	
Library Science	1	53	54	--	--	--	--	--	--	1	53	5
Mathematics	35	145	180	16	14	30	2	--	2	53	159	21
Music	24	70	94	5	5	10	1	1	2	30	76	10
Psychology	1	19	20	6	5	11	--	--	--	7	24	3
Natural Sciences	44	86	130	15	20	35	2	--	2	61	106	16
Social Sciences	154	217	371	34	24	58	1	--	1	189	241	43
Speech and/or Dramatic Arts	1	15	16	--	--	--	--	--	--	1	15	1
ALL TEACHING FIELDS	655	1,529	2,184	139	133	272	7	2	9	801	1,664	2,46
Per Cent of Total Certificates	26.6	62.0	88.6	5.6	5.4	11.0	0.3	0.1	0.4	32.5	67.5	100.

Table 7--TOTAL COLLEGIATE PROFESSIONAL CERTIFICATES (HIGH SCHOOL ENDORSEMENT) EARNED IN INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY TEACHING FIELD, 1971-72

TEACHING FIELD	INSTITUTION														
	C. Newport	Cl. Valley	Geo. Mason	Longwood	Madison	MWC	Norf. State	ODU	Radford	U. Va.	VCU	VPI & SU	Va. State	Wm. & Mary	All Institution
Agriculture	--	--	--	--	--	--	--	--	--	--	--	28	9	--	37
Art	--	--	--	18	22	6	8	15	17	--	40	4	12	12	154
Business Education	--	7	--	11	42	--	33	13	38	--	17	4	13	--	178
Distributive Education	--	--	--	--	--	--	--	41	--	--	16	17	--	--	74
Dramatics	--	--	--	--	--	--	--	--	--	--	4	--	--	--	4
English	5	5	20	47	38	25	9	36	55	25	24	33	8	23	353
Foreign Languages	--	5	4	14	15	10	2	19	14	3	3	9	3	14	115
Health and Physical Education	--	--	--	23	34	--	23	39	49	30	30	44	25	9	306
Home Economics	--	--	--	14	42	--	--	--	31	--	--	21	11	--	119
Industrial Arts/Vocational	--	--	--	--	--	--	40	27	--	--	--	20	18	--	105
Journalism	--	--	--	--	--	--	--	--	4	--	--	--	--	--	4
Library Science	--	--	--	--	26	--	--	--	8	--	15	--	5	--	54
Mathematics	2	13	3	16	20	15	6	12	35	33	12	26	5	12	212
Music	--	--	--	5	25	4	10	3	20	6	20	--	12	1	106
Psychology	--	--	3	1	7	--	--	--	16	--	1	--	--	3	31
Natural Sciences	1	5	--	19	24	6	--	21	16	28	10	28	3	6	167
Social Sciences	10	5	12	32	58	17	11	59	74	37	31	40	13	31	430
Speech and/or Dramatic Arts	--	--	--	1	5	--	--	--	3	7	--	--	--	--	16
ALL TEACHING FIELDS	18	40	42	203	358	83	142	285	380	169	223	274	137	111	2,465
Per Cent of Total Certificates	0.7	1.6	1.7	8.2	14.5	3.4	5.8	11.6	15.4	6.9	9.0	11.1	5.6	4.5	100.0

APPENDIX TO SECTION I

Appendix A--TOTAL BACHELOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972

MAJOR FIELD OF STUDY	BACHELOR'S DEGREES															
	C. Newport		Cl. Valley		Geo. Mason		Longwood		Madison		MWC		Norf. State		ODU	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
AGRICULTURE AND NATURAL RESOURCES																
Agronomy																
Animal Science																
Dairy Science																
Poultry Science																
Horticulture																
Agricultural Economics																
Agricultural Business																
Food Science																
Forestry																
Total																
ARCHITECTURE & ENVIRONMENTAL DESIGN																
Architecture																
City, Community, and Regional Planning																
Architectural History																
Landscape Architecture																
Total																
AREA STUDIES										1	1	28				
BIOLOGICAL SCIENCES																
Biology, General	6	2	3	2	20	14		26	10	25		22	7	8	21	13
Pre-Medical Sciences												3				
Microbiology																
Biochemistry																
Total	6	2	3	2	20	14		26	10	25		25	7	8	21	13
BUSINESS AND MANAGEMENT																
Business and Commerce, General															22	2
Accounting									15	5			15	7	45	3
Banking and Finance															18	
Business Management and Administration	49	4			27	4			31	1			28	16	68	
Marketing and Purchasing									5	2					24	
Secretarial Studies														10		1
Business Economics																
Retailing																
Office Administration									1	10						
Business and Public Administration			31	4	37	10										
Total	49	4	31	4	64	14			52	18			43	33	177	6

Appendix A--TOTAL BACHELOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972

BACHELOR'S DEGREES																MAJOR FIELD OF STUDY
Radford		U. Va.		VCU		VMI		VPI & SU		Va. State		Wm. & Mary		All Institutions		
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
								13	1					13	1	AGRICULTURE AND NATURAL RESOURCES
								28	5	1				29	5	Agronomy
								15						15		Animal Science
								3						3		Dairy Science
								11	1					11	1	Poultry Science
								10		3	1			13	1	Horticulture
										4				4		Agricultural Economics
								1	1					1	1	Agricultural Business
								67	2					67	2	Food Science
								148	10	8	1			156	11	Forestry
																Total
		44						59	2					103	2	ARCHITECTURE & ENVIRONMENTAL DESIGN
		6												6		Architecture
		1												1		City, Community, and Regional Planning
		1												1		Architectural History
		52						59	2					111	2	Landscape Architecture
																Total
		4							1					5	30	AREA STUDIES
17		64	9	20	16	23		86	29	8	12	50	22	318	217	BIOLOGICAL SCIENCES
															3	Biology, General
											1				1	Pre-Medical Sciences
								4	3					4	3	Microbiology
17		64	9	20	16	23		90	32	8	13	50	22	322	224	Biochemistry
																Total
37		38	1					46	1					106	41	BUSINESS AND MANAGEMENT
				49	3			85	6	9	12	19	7	237	43	Business and Commerce, General
		27						33	2					78	2	Accounting
		17	1	135	6			114	5	23	28	55	6	547	71	Banking and Finance
		23	1					43	2					95	5	Business Management and Administration
					6						5				22	Marketing and Purchasing
				16	1			9	1					25	2	Secretarial Studies
				17	16									17	16	Business Economics
														1	10	Retailing
														68	14	Office Administration
37		105	3	217	32			330	17	32	45	74	13	1,174	226	Business and Public Administration
																Total

Appendix A--TOTAL BACHELOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

MAJOR FIELD OF STUDY	BACHELOR'S DEGREES															
	C. Newport		Cl. Valley		Geo. Mason		Longwood		Madison		MWC		Norf. State		ODU	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
COMMUNICATIONS																
Journalism																
Advertising																
Total																
COMPUTER AND INFORMATION SCIENCES																
EDUCATION																
Elementary Education, General			4	27	4	100		155	11	220			8	72	1	168
Secondary Education, General																
Special Education, General																
Education of the Mentally Retarded									4	28			3	39	2	18
Speech Correction									1	4						5
Art Education									1	21			5	6	4	11
Music Education								4	6	16			5	5	3	1
Science Education																
Mathematics Education																
Physical Education								23	5	20			13	10	15	16
Business, Commerce, & Distributive Education								11	6	26			3	30	39	15
Industrial Arts, Vocational, and Technical Education													39	1	25	2
Agricultural Education																
Home Economics Education										42						6
Library Science																
Recreation													4	2		
English																
Foreign Language																
Social Studies																
Total			4	27	4	100		193	34	377			80	165	89	242
ENGINEERING																
Engineering, General																
Aerospace, Aeronautical, and Astronautical Engineering																
Agricultural Engineering																
Chemical Engineering																
Civil, Construction, & Transportation Engineering															14	
Electrical, Electronics, and Communications Engineering													2		21	

Appendix A--TOTAL BACHELOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

BACHELOR'S DEGREES																MAJOR FIELD OF
Radford		U. Va.		VCU		VMI		VPI & SU		Va. State		Wm. & Mary		All Institutions		
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
																COMMUNICATIONS
	6			4	9									4	15	Journalism
				23	7									23	7	Advertising
	6			27	16									27	22	Total
								14						14		COMPUTER AND INFORMAT
																EDUCATION
	276	2	36	5	150			3	60	2	44	2	80	42	1,388	Elementary Education, Ge
					1			2					2	2	3	Secondary Education, Gen
		2	5	1	26									3	31	Special Education, Genera
	36									2	23			11	144	Education of the Mentally
														1	9	Speech Correction
				14	30					2	8			26	76	Art Education
				7	10					3	9			24	45	Music Education
			2					4						4	2	Science Education
		4	6					8	10					12	16	Mathematics Education
	49	5	1	30	7			37	13	17	8	10		132	147	Physical Education
				11	29			19	4		13			78	128	Business, Commerce, & Di
																Industrial Arts, Vocational
								22		31	1			117	4	Technical Education
								25		8	1			33	1	Agricultural Education
											7				49	Home Economics Education
															6	Library Science
										6	2			10	4	Recreation
			4												4	English
			1												1	Foreign Language
		11	4											11	4	Social Studies
	361	24	59	68	253			120	87	71	116	12	82	506	2,062	Total
																ENGINEERING
		11												11		Engineering, General
																Aerospace, Aeronautical,
		29						34						63		Astronautical Engineering
								7						7		Agricultural Engineering
		15						49						64		Chemical Engineering
																Civil, Construction, & Tra
		26	1			63		93	2					196	3	Engineering
																Electrical, Electronics, an
		50				11		115	1					199	1	Communications Enginee

ONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED
CATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

BACHELOR'S DEGREES										MAJOR FIELD OF STUDY
VMI		VPI & SU		Va. State		Wm. & Mary		All Institutions		
M	F	M	F	M	F	M	F	M	F	
										COMMUNICATIONS
								4	15	Journalism
								23	7	Advertising
								27	22	Total
		14						14		COMPUTER AND INFORMATION SCIENCES
										EDUCATION
		3	60	2	44	2	80	42	1,388	Elementary Education, General
		2					2	2	3	Secondary Education, General
								3	31	Special Education, General
				2	23			11	144	Education of the Mentally Retarded
								1	9	Speech Correction
				2	8			26	76	Art Education
				3	9			24	45	Music Education
		4						4	2	Science Education
		8	10					12	16	Mathematics Education
		37	13	17	8	10		132	147	Physical Education
		19	4		13			78	128	Business, Commerce, & Distributive Education
										Industrial Arts, Vocational, and
		22		31	1			117	4	Technical Education
		25		8	1			33	1	Agricultural Education
					7				49	Home Economics Education
									6	Library Science
				6	2			10	4	Recreation
									4	English
									1	Foreign Language
								11	4	Social Studies
		120	87	71	116	12	82	506	2,062	Total
										ENGINEERING
								11		Engineering, General
										Aerospace, Aeronautical, and
		34						63		Astronautical Engineering
		7						7		Agricultural Engineering
		49						64		Chemical Engineering
										Civil, Construction, & Transportation
63		93	2					196	3	Engineering
										Electrical, Electronics, and
11		115	1					199	1	Communications Engineering

Appendix A--TOTAL BACHELOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

MAJOR FIELD OF STUDY	BACHELOR'S DEGREES															
	C. Newport		Cl. Valley		Geo. Mason		Longwood		Madison		MWC		Norf. State		ODU	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
ENGINEERING (Continued)																
Mechanical Engineering															8	
Industrial and Management Engineering																
Metallurgical Engineering																
Ceramic Engineering																
Mining and Mineral Engineering																
Nuclear Engineering																
Engineering Mechanics																
Engineering Technologies																
Electronic Technology													2			
Building Construction													2	1		
Total													6	1	43	
FINE AND APPLIED ARTS																
Fine Arts, General															5	10
Art							19			2		10				
Art History												13				1
Music							2			1		7			1	2
Music History																
Dramatic Arts							2				1	18				
Dance												1				
Applied Design																
Speech & Drama									5	5						
Total							23		5	8	1	49			6	13
FOREIGN LANGUAGES																
Foreign Languages, General																
French			1	3		5	6		2	6		9		3	1	13
German							1			2						1
Spanish			1	1	2	7	9			7		7	1	4	1	15
Latin							1		1	2		1				
Russian															2	2
Greek																
Total			2	4	2	12	17		3	17		17	1	7	4	31
HEALTH PROFESSIONS																
Nursing																21
Occupational Therapy																
Pharmacy																
Physical Therapy																
Dental Hygiene																12

Appendix A--TOTAL BACHELOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

BACHELOR'S DEGREES																MAJOR FIELD OF STUDY
Radford		U. Va.		VCU		VMI		VPI & SU		Va. State		Wm. & Mary		All Institutions		
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
																ENGINEERING (Continued)
		23						98						129		Mechanical Engineering
								75						75		Industrial and Management Engineering
								10						10		Metallurgical Engineering
								4						4		Ceramic Engineering
								11						11		Mining and Mineral Engineering
		32						2						34		Nuclear Engineering
								12	1					12	1	Engineering Mechanics
								19						19		Engineering Technologies
														2		Electronic Technology
														2	1	Building Construction
		186	1			74		529	4					838	6	Total
																FINE AND APPLIED ARTS
												4	43	9	53	Fine Arts, General
	16	4	2	27	18			8	6					39	73	Art
				2	10									2	24	Art History
	19	2	1	1	8					2	2		4	6	46	Music
				2	3									2	3	Music History
		8		4	4			4	3					17	27	Dramatic Arts
	3														4	Dance
				36	69									36	69	Applied Design
	7			14	14							3	5	22	31	Speech & Drama
	45	14	3	86	126			12	9	2	2	7	52	133	330	Total
																FOREIGN LANGUAGES
						7								7		Foreign Languages, General
	9	6	3	2	3			2	7		1	2	21	16	89	French
	1	1	1						3		1	2	7	3	17	German
	7	2	2					1	6	1	2	1	11	10	78	Spanish
	4											2	2	3	10	Latin
		1	1											3	3	Russian
		2											1	2	1	Greek
	21	12	7	2	3	7		3	16	1	4	7	42	44	198	Total
																HEALTH PROFESSIONS
		3	128		93									3	242	Nursing
				2	28									2	28	Occupational Therapy
				48	18									48	18	Pharmacy
				7	24									7	24	Physical Therapy
					4										16	Dental Hygiene

Appendix A--TOTAL BACHELOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

MAJOR FIELD OF STUDY	BACHELOR'S DEGREES															
	C. Newport		Cl. Valley		Geo. Mason		Longwood		Madison		MWC		Norf. State		ODU	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
HEALTH PROFESSIONS (Continued)																
Public Health										2						
Speech Pathology and Audiology								3				7				
Medical Laboratory Technologies										5		2	1		2	12
Pre-Medical															10	
Pre-Dental															2	
Total								3		7		9	1		14	45
HOME ECONOMICS																
Home Economics, General								14		19						
Clothing and Textiles																
Family Relations																
Institutional Management																
Applied Art																
Foods and Nutrition										4						
Total								14		23						
LETTERS																
English, General	7	7		4	15	35		46	4	43		38	3	13	20	60
Speech																
Philosophy												4			7	1
Religious Studies												2				
Total	7	7		4	15	35		46	4	43		44	3	13	27	61
LIBRARY SCIENCE										26						
MATHEMATICS																
Mathematics, General			6	6	13	5		19	6	19		26	10	10	21	9
Statistics																
Applied Mathematics																
Total			6	6	13	5		19	6	19		26	10	10	21	9
PHYSICAL SCIENCES																
Physical Sciences, General								2	1	1						
Physics, General					2				6			2	4		7	
Chemistry, General			2	2	5	1		3	3	2		6	2		9	3

Appendix A--TOTAL BACHELOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

BACHELOR'S DEGREES																MAJOR FIELD OF STUDY
Radford		U. Va.		VCU		VMI		VPI & SU		Va. State		Wm. & Mary		All Institutions		
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
															2	HEALTH PROFESSIONS(Continued)
			6												16	Public Health
				2	27									5	46	Speech Pathology and Audiology
														10		Medical Laboratory Technologies
														2		Pre-Medical
		3	134	59	194									77	392	Pre-Dental
																Total
	41														74	HOME ECONOMICS
									53		4				57	Home Economics, General
									41						41	Clothing and Textiles
										1	3			1	3	Family Relations
											2				2	Institutional Management
									20						24	Applied Art
	41								114	1	9			1	201	Foods and Nutrition
																Total
	62	150	15	20	46	31		37	43	1	12	27	51	315	475	LETTERS
		16												16		English, General
	5	12		2	3			6	4	1		11	11	39	28	Speech
		26	1											26	3	Philosophy
	67	204	16	22	49	31		43	47	2	12	38	62	396	506	Religious Studies
																Total
	9										5				40	LIBRARY SCIENCE
	77	23	5	9	10	11		26	16	9	6	14	20	148	228	MATHEMATICS
	1							3	6					3	7	Mathematics, General
		2												2		Statistics
	78	25	5	9	10	11		29	22	9	6	14	20	153	235	Applied Mathematics
																Total
				12	3									13	6	PHYSICAL SCIENCES
		8		4		6		18		3		8	1	66	3	Physical Sciences, General
	5	11	3	5		8		18	4			14	10	77	39	Physics, General
																Chemistry, General

Appendix A--TOTAL BACHELOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

MAJOR FIELD OF STUDY	BACHELOR'S DEGREES															
	C. Newport		Cl. Valley		Geo. Mason		Longwood		Madison		MWC		Norf. State		ODU	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
PHYSICAL SCIENCES (Continued)																
Geophysics																
Geology									2	1					7	
Earth Sciences															6	
Astronomy																
Total			2	2	7	1		5	12	4		8	6		29	3
PSYCHOLOGY	9	13			13	22		7	5	14		48	3	5	57	22
PUBLIC AFFAIRS AND SERVICES																
Public Administration																
Parks and Recreation Management																
Social Work and Helping Services						6			3	26			1	20		
Law Enforcement and Corrections																
Pre-Foreign Service												5				
Total						6			3	26		5	1	20		
SOCIAL SCIENCES																
Social Sciences, General								17	1	5			4		6	1
Anthropology																
Economics					14	2		1	3			9	4	1	24	5
History	10	14	7	3	35	18		13	18	20	2	27	8	10	71	20
Geography												11				
Political Science and Government	10	3			5	3		2	19	9		20	5	3	33	4
Sociology	6	11			3	17		6	6	10		36	12	24	20	26
International Relations																
Urban Studies																
Political Economy												1				
Total	26	28	7	3	57	40		39	47	44	2	104	33	38	154	56
INTERDISCIPLINARY STUDIES																
TOTAL DEGREES CONFERRED	97	54	55	52	195	249		392	181	652	4	363	194	300	642	501

Appendix A--TOTAL BACHELOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

BACHELOR'S DEGREES																MAJOR FIELD OF STUDY
Radford		U. Va.		VCU		VMI		VPI & SU		Va. State		Wm. & Mary		All Institutions		
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
																PHYSICAL SCIENCES (Continued)
								1						1		Geophysics
								14	2		1	1	1	24	5	Geology
														6		Earth Sciences
		1												1		Astronomy
	5	20	3	21	3	14		51	6	3	1	23	12	188	53	Total
	33	90	4	37	36			47	21	2	6	28	31	291	262	PSYCHOLOGY
																PUBLIC AFFAIRS AND SERVICES
								11	1					11	1	Public Administration
				15	10									15	10	Parks and Recreation Management
				14	67									18	119	Social Work and Helping Services
				43	1									43	1	Law Enforcement and Corrections
															5	Pre-Foreign Service
				72	78			11	1					87	136	Total
																SOCIAL SCIENCES
1	7													12	30	Social Sciences, General
		14										10	6	24	6	Anthropology
	1	148				9		36	4	1	2	26	9	265	34	Economics
	44	118		63	31	65		57	17	5	10	53	29	512	256	History
	13														24	Geography
	8	92	4					105	14	7	3	54	28	330	101	Political Science and Government
	46	14	4	22	35			21	24	5	32	11	27	120	298	Sociology
		27	4											27	4	International Relations
								2						2		Urban Studies
															1	Political Economy
1	119	413	12	85	66	74		221	59	18	47	154	99	1,292	754	Total
	1	45						21	6				1	66	8	INTERDISCIPLINARY STUDIES
1	840	1,261	256	725	882	234		1,728	454	157	267	407	436	5,881	5,698	TOTAL DEGREES CONFERRED

Appendix B--TOTAL FIRST PROFESSIONAL, MASTER'S AND DOCTOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972

MAJOR FIELD OF STUDY	FIRST PROFESSIONAL DEGREES								MASTER'S DEGREES											
	U. Va.		VCU		Wm. & Mary		All Institutions		Geo. Mason		Longwood		Madison		ODU		Radford		U. Va.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
AGRICULTURE AND NATURAL RESOURCES																				
Agronomy																				
Animal Science																				
Dairy Science																				
Fish, Game, and Wildlife Management																				
Horticulture																				
Agricultural Economics																				
Forestry																				
Total																				
ARCHITECTURE AND ENVIRONMENTAL DESIGN																				
Environmental Design, General																				
Architecture																			2	
Landscape Architecture																			1	
Urban Architecture																				
City, Community, and Regional Planning																			9	2
Architectural History																			5	1
Total																			17	3
BIOLOGICAL SCIENCES																				
Biology, General									1	1			3		8	4	2	2	1	4
Botany, General																				
Plant Pathology																				
Zoology, General																				
Pathology																				
Pharmacology																				
Physiology																				1
Microbiology																				1
Anatomy																				
Biochemistry																				
Biophysics																				1
Marine Biology																			5	1
Biometrics and Biostatistics																				
Entomology																				
Genetics																				
Total									1	1			3		8	4	2	2	6	8

Appendix B-- TOTAL FIRST PROFESSIONAL, MASTER'S AND DOCTOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972

MASTER'S DEGREES										DOCTOR'S DEGREES										MAJOR FIELD OF STUDY
VCU		VPI & SU		Va. State		Wm. & Mary		All Institutions		U. Va.		VCU		VPI & SU		Wm. & Mary		All Institutions		
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
																				AGRICULTURE AND NATURAL RESOURCES
		5						5						1				1		Agronomy
		2						2						7				7		Animal Science
		5						5												Dairy Science
		10						10						3				3		Fish, Game and Wildlife Management
		1						1						1				1		Horticulture
		2						2						1				1		Agriculture Economics
		8						8						2				2		Forestry
		33						33						15				15		Total
																				ARCHITECTURE AND ENVIRONMENTAL DESIGN
		12						12												Environmental Design, General
								2												Architecture
								1												Landscape Architecture
		2						2												Urban Architecture
		9	1					18	3											City, Community, and Regional Planning
								5	1											Architectural History
		23	1					40	4											Total
																				BIOLOGICAL SCIENCES
				8	2			23	13	3								3		Biology, General
						3	1	3	1					2				2		Botany, General
		1						1						3				3		Plant Pathology
		1	2			3	3	4	5					4	1			4	1	Zoology, General
1	2							1	2				1						1	Pathology
										1		2	1					3	1	Pharmacology
3								3	1			1						1		Physiology
1	5		2					1	8	1		3		4				8		Microbiology
	1								1	1		1	4					2	4	Anatomy
1		2	1					3	1		2	1		1	1			2	3	Biochemistry
1								1	1	1		1						2		Biophysics
								5	1	3								3		Marine Biology
2	1							2	1											Biometrics and Biostatistics
		1						1						4				4		Entomology
1	1							1	1					2				2		Genetics
10	10	5	5	8	2	6	4	49	36	10	2	9	6	20	2			39	10	Total

Appendix B--TOTAL FIRST PROFESSIONAL, MASTER'S AND DOCTOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

MAJOR FIELD OF STUDY	FIRST PROFESSIONAL DEGREES								MASTER'S DEGREES											
	U. VA.		VCU		Wm. & Mary		All Institutions		Geo. Mason		Longwood		Madison		ODU		Radford		U. Va.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
BUSINESS AND MANAGEMENT																				
Business and Commerce, General																				
Accounting																				
Business Management and Administration															36	1			118	1
Business Economics																				
Total															36	1			118	1
COMPUTER AND INFORMATION SCIENCES																			11	1
EDUCATION																				
Education, General																	19	34		
Elementary Education, General									6	55		2	3	9	1	13			5	59
Secondary Education, General									1	3			7	7	1	2				
Junior and Community College Education																				
Adult and Continuing Education																				
Special Education, General																1			12	55
Education of the Mentally Retarded															1	8				
Education of the Visually Handicapped																1				
Speech Correction																3				
Education of the Emotionally Disturbed															1	3				
Social Foundations																			3	2
Educational Psychology																			.3	3
Student Personnel													10	4	31	35	7	16	63	90
Educational Administration															49	10	26	3	77	15
Educational Supervision											5	9								
Curriculum and Instruction																			4	2
Reading Education														9	1	23			4	49
Music Education													2	1					3	
Mathematics Education																			10	15
Science Education																		2	21	11
Physical Education													7	2	6	2	2	2	32	3
Business, Commerce, and Distributive Education													4	6				9		
Industrial Arts, Vocational, and Technical Education																				
Agricultural Education																				
Home Economics Education																				
Foreign Language Education																			1	6

Appendix B--TOTAL FIRST PROFESSIONAL, MASTER'S AND DOCTOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

MASTER'S DEGREES										DOCTOR'S DEGREES										MAJOR FIELD OF STUDY
VCU		VPI & SU		Va. State		Wm. & Mary		All Institutions		U. Va.		VCU		VPI & SU		Wm. & Mary		All Institutions		
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
																				BUSINESS AND MANAGEMENT
33	8							33	8											Business and Commerce, General
		7						7												Accounting
		43	1			105	1	302	4	1								1		Business Management and Administration
		8	1					8	1					3				3		Business Economics
33	8	58	2			105	1	350	13	1				3				4		Total
								11	1											COMPUTER AND INFORMATION SCIENCES
																				EDUCATION
								19	34	3								3		Education, General
1	26			6	39	3	13	25	216	2	1							2	1	Elementary Education, General
				1	2	8	7	18	21											Secondary Education, General
						1		1												Junior and Community College Education
		4	2					4	2											Adult and Continuing Education
7	18							19	74	3	1							3	1	Special Education, General
					3	2	10	3	21											Education of the Mentally Retarded
									1											Education of the Visually Handicapped
									3											Speech Correction
						1	4	2	7											Education of the Emotionally Disturbed
								3	2											Social Foundations
								3	3	1	1							1	1	Educational Psychology
7	38	3	8	6	6	24	20	151	217	12	2							12	2	Student Personnel
17	6	5	1	18	2	20	3	212	40	9	1							9	1	Educational Administration
						2	3	7	12											Educational Supervision
		4	14					8	16	1								1		Curriculum and Instruction
								5	81		2								2	Reading Education
2				4	1			11	2	1	1							1	1	Music Education
								10	15	1								1		Mathematics Education
				10	5			31	18	4								4		Science Education
		2				1		50	9											Physical Education
8	5	1	9	2	5			15	34											Business, Commerce, and Distributive Education
		5		23	4			28	4											Industrial Arts, Vocational, and Technical Education
		17		6				23												Agricultural Education
			7		2				9											Home Economics Education
								1	6											Foreign Language Education

Appendix B--TOTAL FIRST PROFESSIONAL, MASTER'S AND DOCTOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

MAJOR FIELD OF STUDY	FIRST PROFESSIONAL DEGREES								MASTER'S DEGREES											
	U. VA.		VCU		Wm. & Mary		All Institutions		Geo. Mason		Longwood		Madison		ODU		Radford		U. VA.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
EDUCATION (Continued)																				
Audio-Visual Education																			8	5
English Education																			12	15
Social Studies Education																			26	10
School Psychology																			4	7
Visiting Teacher																			1	4
Educational Media																				
Total									7	58	5	11	33	38	91	101	54	66	289	351
ENGINEERING																				
Agricultural Engineering																				
Aerospace, Aeronautical and Astronautical																			3	
Bioengineering and Biomedical																				
Chemical Engineering																			5	
Civil, Construction, and Transportation															5				10	
Electrical, Electronics, and Communications															15				15	1
Mechanical Engineering															8				8	
Industrial and Management Engineering																				
Metallurgical Engineering																				
Materials																			3	
Engineering Physics																			4	
Nuclear Engineering																			11	
Engineering Mechanics															1				1	
Environmental and Sanitary																				
Systems Engineering																				
Total															29				60	1
FINE AND APPLIED ARTS																				
Art													1	1			4	4		
Art History and Appreciation																			2	3
Music																	3	3	1	1
Dramatic Arts																			4	3
Applied Design																				
Total													1	1			7	7	7	7

Appendix B--TOTAL FIRST PROFESSIONAL, MASTER'S AND DOCTOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

MASTER'S DEGREES										DOCTOR'S DEGREES										MAJOR FIELD OF STUDY
VCU		VPI & SU		Va. State		Wm. & Mary		All Institutions		U. VA.		VCU		VPI & SU		Wm. & Mary		All Institutions		
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
								8	5	1								1		EDUCATION (Continued)
								12	15	1	1							1	1	Audio-Visual Education
								26	10	1								1		English Education
								4	7	1								1		Social Studies Education
								1	4											School Psychology
				8	2			8	2											Visiting Teacher
42	93	41	41	84	71	62	60	708	890	41	10							41	10	Educational Media
																				Total
		2						2												ENGINEERING
		4						7		2				8				10		Agricultural Engineering
										2								2		Aerospace, Aeronautical and Astronautical
		12						17		6				2				8		Bioengineering and Biomedical
		18						33		1				5				6		Chemical Engineering
		9	1					39	2	3				4				7		Civil, Construction, and Transportation
		13						29		3				4				7		Electrical, Electronics, and Communications
		7						7						6				6		Mechanical Engineering
		3						3												Industrial and Management Engineering
								3		3				3				6		Metallurgical Engineering
								4		5								5		Materials
		4						15		3				1				4		Engineering Physics
		9	1					11	1	1				4				5		Nuclear Engineering
		11						11												Engineering Mechanics
		1						1												Environmental and Sanitary
		93	2					182	3	29				37				66		Systems Engineering
																				Total
2	1							7	6											FINE AND APPLIED ARTS
	3							2	6											Art
2	1							6	5											Art History and Appreciation
1	2							5	5											Music
1								1												Dramatic Arts
6	7							21	22											Applied Design
																				Total

Appendix B--TOTAL FIRST PROFESSIONAL, MASTER'S AND DOCTOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

MAJOR FIELD OF STUDY	FIRST PROFESSIONAL DEGREES								MASTER'S DEGREES											
	U. Va.		VCU		Wm. & Mary		All Institutions		Geo. Mason		Longwood		Madison		ODU		Radford		U. Va.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
FOREIGN LANGUAGES																				
Foreign Languages, General																				1
French																			4	8
German																				
Spanish																			2	6
Latin																			1	
Total																			7	15
HEALTH PROFESSIONS																				
Dentistry			76	1			76	1												
Medicine	81	5	121	12			202	17												
Hospital and Health Care Administration																				
Nursing																				
Medical Specialties																			1	
Occupational Therapy																				
Pharmacy																				
Physical Therapy																				
Speech Pathology and Audiology																			4	30
Clinical Social Work																				
Medical Laboratory Technologies																				
Total	81	5	197	13			278	18											5	30
HOME ECONOMICS																				
Home Economics, General																	8			
Clothing and Textiles																				
Family Relations and Child Development																				
Foods and Nutrition																				
Total																	8			
LAW																				
Law, General	311	18			56	3	367	21											13	
Comparative Law																			3	
Total	311	18			56	3	367	21											16	
LETTERS																				
English, General											2	3	1	4	5	17	7		41	50
Speech, Debate, and Forensic Science																			2	1
Philosophy																			3	
Religious Studies																			1	
Total											2	3	1	4	5	17	7		47	51

Appendix B--TOTAL FIRST PROFESSIONAL, MASTER'S AND DOCTOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

MASTER'S DEGREES										DOCTOR'S DEGREES										MAJOR FIELD OF STUDY
VCU		VPI & SU		Va. State		Wm. & Mary		All Institutions		U. Va.		VCU		VPI & SU		Wm. & Mary		All Institutions		
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
									1											FOREIGN LANGUAGES
								4	8		1								1	Foreign Languages, General
											1								1	French
								2	6	1								1		German
								1		1								1		Spanish
								7	15	2	2							2	2	Latin
																				Total
																				HEALTH PROFESSIONS
																				Dentistry
26	2							26	2											Medicine
	7								7											Hospital and Health Care Administration
								1												Nursing
1	4							1	4											Medical Specialties
1								1												Occupational Therapy
1								1												Pharmacy
								4	30											Physical Therapy
17	17							17	17											Speech Pathology and Audiology
1	5							1	5											Clinical Social Work
47	35							52	65											Medical Laboratory Technologies
																				Total
									8											HOME ECONOMICS
			2						2											Home Economics, General
		1	6					1	6											Clothing and Textiles
		2	4					2	4											Family Relations and Child Development
		3	12					3	20											Foods and Nutrition
																				Total
								13		4								4		LAW
								3												Law, General
								16		4								4		Comparative Law
																				Total
		9	11		1		4	58	97	15	2							15	2	LETTERS
								2	1											English, General
								3		2								2		Speech, Debate, and Forensic Science
								1												Philosophy
		9	11		1		4	64	98	17	2							17	2	Religious Studies
																				Total

Appendix B--TOTAL FIRST PROFESSIONAL, MASTER'S AND DOCTOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

MAJOR FIELD OF STUDY	FIRST PROFESSIONAL DEGREES								MASTER'S DEGREES											
	U. Va.		VCU		Wm. & Mary		All Institutions		Geo. Mason		Longwood		Madison		ODU		Radford		U. Va.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
MATHEMATICS																				
Mathematics, General													3	3			2	2	3	2
Statistics																				
Applied Mathematics																			4	
Total													3	3			2	2	7	2
PHYSICAL SCIENCES																				
Physical Sciences, General																				
Physics, General													1	1	5				5	
Chemistry, General																			2	1
Pharmaceutical Chemistry																				
Astronomy																			5	1
Geology																				
Geophysics and Seismology																				
Earth Sciences, General																				
Oceanography															5					
Total													1	1	10				12	2
PSYCHOLOGY																				
Psychology, General																	9	9	6	4
Clinical Psychology																				
School Psychology																				
Applied Psychology													2	2						
Total													2	2			9	9	6	4
PUBLIC AFFAIRS AND SERVICES																				
Public Administration																			4	1
Social Work and Helping Services																				
Total																			4	1
SOCIAL SCIENCES																				
Anthropology																			2	5
Economics															10	1			5	2
History											1		4	1	11	2	5	6	25	14
Political Science and Government																			7	3
Sociology																			2	4
International Relations																			15	5
Total											1		4	1	21	3	5	6	56	33
INTERDISCIPLINARY STUDIES																			2	2
TOTAL DEGREES CONFERRED	392	23	197	13	56	3	645	39	8	59	8	14	48	50	200	126	79	107	670	512

Appendix B--TOTAL FIRST PROFESSIONAL, MASTER'S AND DOCTOR'S DEGREES CONFERRED BY INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCAT ION BY SEX AND MAJOR FIELD OF STUDY, 1971-1972 (Continued)

MASTER'S DEGREES										DOCTOR'S DEGREES										MAJOR FIELD OF STUDY
VCU		VPI & SU		Va. State		Wm. & Mary		All Institutions		U. Va.		VCU		VPI & SU		Wm. & Mary		All Institutions		
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
																				PHYSICAL SCIENCES
				7	2			7	2							9		9		Physical Sciences, General
		7	2			11	1	29	4	14				7				21		Physics, General
		2		1	1	3	3	8	5	9	1			13				22	1	Chemistry, General
1								1				1							1	Pharmaceutical Chemistry
								5	1	2								2		Astronomy
		1						1						2	1			2	1	Geology
														1				1		Geophysics and Seismology
				3	1			3	1											Earth Sciences, General
						11	3	16	3							6	1	6	1	Oceanography
1		10	2	11	4	25	7	70	16	25	1		1	23	1	15	1	63	4	Total
																				PSYCHOLOGY
				2		3	2	20	15	4								4		Psychology, General
4	7							4	7											Clinical Psychology
								2	2											School Psychology
5	3							5	3											Applied Psychology
9	10			2		3	2	31	27	4								4		Total
																				PUBLIC AFFAIRS AND SERVICES
								4	1											Public Administration
31	40							31	40											Social Work and Helping Services
31	40							35	41											Total
																				SOCIAL SCIENCES
								2	5											Anthropology
								15	3	1								1		Economics
		11		1		5	2	63	25	18	1					1		19	1	History
		3	1			5		15	4	3								3		Political Science and Government
1		4	5			1	1	8	10											Sociology
								15	5	2								2		International Relations
1		18	6	1		11	3	118	52	24	1					1		25	1	Total
								2	2											INTERDISCIPLINARY STUDIES
180	203	296	89	115	82	219	84	1,823	1,326	163	18	9	7	111	3	16	1	299	29	TOTAL DEGREES CONFERRED

Appendix C--TOTAL COLLEGIATE PROFESSIONAL CERTIFICATES (HIGH SCHOOL ENDORSEMENT) EARNED IN INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY DEGREE LEVEL, SEX, AND TEACHING FIELD, 1971-72

SECONDARY TEACHING FIELD	BACHELOR'S DEGREES																									
	C. Newport		Cl. Valley		Geo. Mason		Longwood		Madison		MWC		Norf. State		ODU		Radford		U. Va.		VCU		VPI & SU		Va. State	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Agriculture																							28		8	1
Art								18	1	21		6	2	6	4	11		10			11	29	2	2	2	10
Business Education			7					11	6	26			3	30	2	11		27			1	16	1	3		13
Distributive Education															37	4					6	10	16	1		
Dramatics																					2	2				
English	1	4	1	4	1	15		42	4	33		25	2	7	4	30		49		5		24	15	18		8
Foreign Languages:																										
French			1	3		2		4	2	5		5		1		7		4		1	1	1	2	2		
German								1		1								1						1		1
Latin								1	1	2		1						4								
Spanish			1			2		8		4		4		1	1	11		5				1		4		2
Total Foreign Languages			2	3		4		14	3	12		10		2	1	18		14		1	1	2	2	7		3
Health and Physical Education								23	5	20			13	10	15	16		44	3	1	24	6	30	14	17	8
Home Economics								14		42								23						21		11
Industrial Arts/Vocational													39	1	25	2							20		17	1
Journalism																		4								
Library Science										26								8			1	14				5
Mathematics		2	6	7	2			18	2	15		15	1	5	6	6		33	4	6	2	10	9	17	1	4
Music								5	6	16		4	5	5	3			17			7	13			3	9
Psychology						3		1		3								9			1					
Natural Sciences:																										
Biology		1		2				15	3	12		4			2	5		8			4	3	11	10	1	2
Chemistry			1	2				3		1		1			3	1		4			1		2	2		
Earth Science									2	1					6								1	1		
General Science								1	1			1						1		2						
Physics									2												2			1		
Total Natural Sciences		1	1	4				19	8	14		6			11	6		13		2	7	3	14	14	1	2
Social Sciences:																										
Economics					1			1	1			1														
Geography					1							2						9								
Government and Political Science		1						1	8	7		1		1									10	1	1	1
History		5	4	1		2		12	14	14	1	12	2	4	39	9		25					15	5	3	7
History and Social Science	1	3			1	3		16		2					6	1	1	10	5	2	18	13	8			
Sociology								1	1	2			1	3				16								1
General Social Science									1	5																
Other																		4								
Total Social Sciences	1	9	4	1	3	5		31	25	30	1	16	3	8	45	10	1	64	5	2	18	13	33	6	4	9
Speech and/or Dramatic Arts								1	1	4								3		7						
Total Certificates, All Fields	2	16	21	19	6	27		197	61	262	1	82	68	74	153	114	1	318	12	24	81	142	170	103	53	84

Appendix C--TOTAL COLLEGIATE PROFESSIONAL CERTIFICATES (HIGH SCHOOL ENDORSEMENT) EARNED IN INDIVIDUAL VIRGINIA STATE-CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY DEGREE LEVEL, SEX, AND TEACHING FIELD, 1971-72

BACHELOR'S DEGREES				MASTER'S DEGREES																DOCTOR'S DEGREES				SECONDARY TEACHING FIELD
Wm. & Mary		All Institutions		Geo. Mason		Longwood		Madison		ODU		Radford		U. Va.		VPI & SU		Wm. & Mary		All Institutions		U. Va.		All Institutions		
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
		36	1																							Agriculture
1	11	23	124									3	4							3	4					Art
		20	137					4	6			1	10							5	16					Business Education
		59	15																							Distributive Education
		2	2																							Dramatics
3	16	31	280	1	3	2	3		1		2		6	7	11			3	1	13	27	1	1	1	1	English
	6	6	41																							Foreign Languages:
	2		7																							French
		1	8											1	1			1		1	2					German
	5	2	47																							Latin
	13	9	103											1	1			1		1	2					Spanish
7	1	114	143					7	2	6	2	2	3	25	1			1		41	8					Total Foreign Languages
			111										8								8					Health and Physical Education
		101	4																							Home Economics
			4																							Industrial Arts/Vocational
		1	53																							Journalism
2	7	35	145	1				2	1			1	1	11	10			1	2	16	14	2		2		Library Science
	1	24	70					2	1				3	3	1					5	5	1	1	1	1	Mathematics
	3	1	19					2	2			4	3							6	5					Music
																										Psychology
2	2	23	64							3	1		1						1	3	3					Natural Sciences:
		7	14																							Biology
		9	2																							Chemistry
		1	5										2	10	14			1		11	16	2		2		Earth Science
		4	1					1	1											1	1					General Science
2	2	44	86					1	1	3	1		3	10	14			1	1	15	20	2		2		Physics
																										Total Natural Sciences
		2	2	1																1						Social Sciences:
	1	1	12																							Economics
																										Geography
																										Government and Political Science
1	3	20	16															1		1						History
9	8	87	104		3	1		2	1	4		3	6			1		1	3	11	14					History and Social Science
1		41	50											20	9			1	1	21	10	1		1		Sociology
	1	2	24																							General Social Science
		1	5																							Other
			4																							Total Social Sciences
11	13	154	217	1	3	1		2	1	4		3	6	20	9		1	3	4	34	24	1		1		Speech and/or Dramatic Arts
		1	15																							
26	67	655	1,529	3	6	3	3	20	15	13	5	14	47	77	47		1	9	9	139	133	7	2	7	2	Total Certificates, All Fields

SECTION II

PRIVATELY CONTROLLED COLLE
AND UNIVERSITIES

TION II

ATELY CONTROLLED COLLEGES
AND UNIVERSITIES

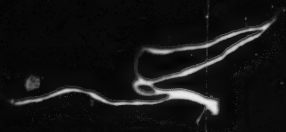

TABLE 1--TOTAL DEGREES CONFERRED BY VIRGINIA PRIVATELY CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY LEVEL OF DEGREE, 1971-1972

INSTITUTION	ASSOCIATE		BACHELOR'S		FIRST PROFESSIONAL		MASTER'S		DOCTOR'S		TOTAL DEGREES	
	Number	Per Cent of Total	Number	Per Cent of Total	Number	Per Cent of Total	Number	Per Cent of Total	Number	Per Cent of Total	Number	Per Cent of Total
FOUR-YEAR												
Averett	41	4.3	177	4.2	--	--	--	--	--	--	218	3.8
Bridgewater	--	--	170	4.1	--	--	--	--	--	--	170	2.9
Eastern Mennonite	--	--	190	4.5	9	4.3	--	--	--	--	199	3.4
Emory and Henry	--	--	181	4.3	--	--	--	--	--	--	181	3.1
Hampden-Sydney	--	--	147	3.5	--	--	--	--	--	--	147	2.5
Hampton Institute	--	--	557	13.3	--	--	134	30.5	--	--	691	11.9
Hollins	--	--	210	5.0	--	--	41	9.3	--	--	251	4.3
Institute of Textile Technology	--	--	--	--	--	--	10	2.3	1	33.3	11	0.2
Lynchburg	--	--	336	8.0	--	--	81	18.5	--	--	417	7.2
Mary Baldwin	--	--	148	3.5	--	--	--	--	--	--	148	2.6
Presbyterian School	--	--	--	--	--	--	50	11.4	--	--	50	0.9
Protestant Episcopal Theological Seminary	--	--	--	--	43	20.9	5	1.1	--	--	48	0.8
Randolph-Macon	--	--	141	3.4	--	--	--	--	--	--	141	2.4
Randolph-Macon Woman's	--	--	159	3.8	--	--	15	3.4	--	--	174	3.0
Roanoke	--	--	230	5.5	--	--	--	--	--	--	230	4.0
Saint Paul's	--	--	90	2.1	--	--	--	--	--	--	90	1.6
Shenandoah College and Conservatory	68	7.1	47	1.1	--	--	--	--	--	--	115	2.0
Stratford	--	--	78	1.9	--	--	--	--	--	--	78	1.4
Sweet Briar	--	--	143	3.4	--	--	--	--	--	--	143	2.5
Union Theological Seminary	--	--	--	--	30	14.6	14	3.2	2	66.7	46	0.8
University of Richmond	--	--	529	12.6	56	27.2	89	20.3	--	--	674	11.6
Virginia Intermont	83	8.7	69	1.7	--	--	--	--	--	--	152	2.6
Virginia Union	--	--	192	4.6	--	--	--	--	--	--	192	3.3
Virginia Wesleyan	--	--	111	2.7	--	--	--	--	--	--	111	1.9
Washington and Lee	--	--	283	6.8	68	33.0	--	--	--	--	351	6.1
TOTAL FOUR-YEAR	192	20.1	4,188	100.0	206	100.0	439	100.0	3	100.0	5,028	86.8
TWO-YEAR												
Bluefield	89	9.3	--	--	--	--	--	--	--	--	89	1.5
Ferrum	202	21.2	--	--	--	--	--	--	--	--	202	3.5
Marymount	268	28.1	--	--	--	--	--	--	--	--	268	4.6
Southern Seminary	114	11.9	--	--	--	--	--	--	--	--	114	2.0
Sullins	90	9.4	--	--	--	--	--	--	--	--	90	1.6
TOTAL TWO-YEAR	763	79.9	--	--	--	--	--	--	--	--	763	13.2
ALL INSTITUTIONS	955	100.0	4,188	100.0	206	100.0	439	100.0	3	100.0	5,791	100.0

TABLE 2--TOTAL BACHELOR'S AND HIGHER DEGREES CONFERRED BY INDIVIDUAL VIRGINIA PRIVATELY CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY MAJOR FIELD OF STUDY, 1971-1972

MAJOR FIELD OF STUDY	Averett	Bridgewater	Eastern Mennonite	Emory and Henry	Hampden-Sydney	Hampton Institute	Hollins	Institute of Tex. Tech.	Lynchburg	Mary Baldwin	Presbyterian School	Protestant Episcopal Theo. Sem.	Randolph-Macon
Architecture and Environmental Design	--	--	--	--	--	4	--	--	--	--	--	--	--
Area Studies	--	--	--	--	--	--	9	--	--	--	--	--	--
Biological Sciences	14	15	13	16	11	22	9	--	20	13	--	--	6
Business and Management	44	14	25	10	--	154	--	--	41	--	--	--	--
Communications	--	--	--	--	--	13	--	--	--	--	--	--	--
Education	70	45	39	31	--	242	--	--	171	--	--	--	--
Engineering	--	--	--	--	--	21	--	11	--	--	--	--	--
Fine and Applied Arts	5	5	2	5	--	7	41	--	28	15	--	--	--
Foreign Languages	2	6	4	6	4	4	18	--	11	21	--	--	3
Health Professions	--	--	24	--	--	39	--	--	2	1	--	--	--
Home Economics	--	3	10	--	--	3	--	--	--	--	--	--	--
Law	--	--	--	--	--	--	--	--	--	--	--	--	--
Letters	16	13	19	40	21	37	49	--	34	16	50	--	27
Mathematics	--	8	7	11	4	17	10	--	9	14	--	--	7
Physical Sciences	--	3	7	5	6	8	4	--	13	1	--	--	5
Psychology	5	6	7	2	12	18	28	--	8	30	--	--	24
Public Affairs and Services	9	--	--	--	--	--	--	--	--	--	--	--	--
Social Sciences	10	52	33	55	85	102	71	--	80	37	--	--	67
Theology	2	--	9	--	--	--	--	--	--	--	--	48	--
Interdisciplinary Studies	--	--	--	--	4	--	12	--	--	--	--	--	2
ALL MAJOR FIELDS	177	170	199	181	147	691	251	11	417	148	50	48	141
Per Cent of Total Degrees	3.7	3.5	4.1	3.7	3.0	14.3	5.2	0.2	8.6	3.1	1.0	1.0	2.9

TABLE 2--TOTAL BACHELOR'S AND HIGHER DEGREES CONFERRED BY INDIVIDUAL VIRGINIA PRIVATELY CONTROLLED INSTITUTIONS OF HIGHER EDUCATION BY MAJOR FIELD OF STUDY, 1971-1972

Randolph-Macon Woman's	Roanoke	St. Paul's	Shenandoah Coll. & Con.	Stratford	Sweet Briar	Union Theo. Seminary	Univ. of Richmond	Virginia Intermont	Virginia Union	Virginia Wesleyan	Washington and Lee	All Institutions	MAJOR FIELD OF STUDY
--	--	--	--	--	--	--	--	--	--	--	--	4	Architecture and Environmental Design
--	--	--	--	--	--	--	--	--	--	--	--	9	Area Studies
15	10	3	--	2	4	--	37	--	21	10	2	243	Biological Sciences
--	40	6	--	--	--	--	165	6	50	--	35	590	Business and Management
--	--	--	--	--	--	--	12	--	--	--	15	40	Communications
6	1	46	38	24	--	--	42	37	43	--	--	835	Education
--	--	--	--	--	--	--	--	--	--	--	--	32	Engineering
16	13	--	5	15	24	--	16	6	--	3	4	210	Fine and Applied Arts
17	14	--	--	4	18	--	14	1	2	1	11	161	Foreign Languages
--	3	--	--	--	--	--	--	--	--	--	--	69	Health Professions
--	--	--	--	--	--	--	--	--	--	--	--	16	Home Economics
--	--	--	--	--	--	--	56	--	--	--	68	124	Law
26	12	6	--	5	19	--	57	3	11	30	26	517	Letters
8	7	1	--	--	5	--	28	--	8	6	2	152	Mathematics
18	12	--	--	--	10	--	24	--	2	2	14	134	Physical Sciences
14	43	--	--	--	7	--	49	--	--	4	4	261	Psychology
--	--	--	--	--	--	--	--	12	--	--	--	21	Public Affairs and Services
54	75	28	--	22	43	--	164	4	55	54	137	1,228	Social Sciences
--	--	--	4	--	--	46	--	--	--	--	--	109	Theology
--	--	--	--	6	13	--	10	--	--	1	33	81	Interdisciplinary Studies
174	230	90	47	78	143	46	674	69	192	111	351	4,836	ALL MAJOR FIELDS
3.6	4.8	1.9	1.0	1.6	3.0	1.0	13.9	1.4	4.0	2.3	7.2	100.0	Per Cent of Total Degrees